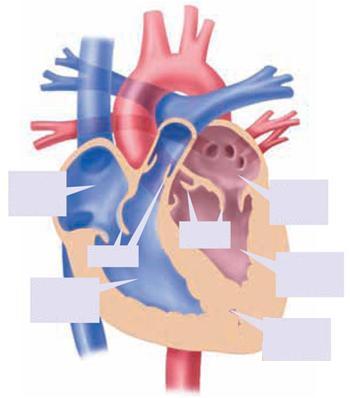
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|  | **Biology** |  |
| **Structure and function**  **of the human heart**  **Worksheet-4-** |

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| Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Class: 8 / ……… |
| Book page:606-611 | **Date: /10 /2011** |

1. Label the following diagram:



**Valves**

**Valves**

**Left Ventricle**

**Right ventricle**

**Right atrium**

**Left atrium**

**Septum**

1. There is a thick wall in the middle of your heart that divides it into two halves. Explain why.

**To avoid mixing oxygenated blood with the deoxygenated blood**.

1. Write ( T ) if the statement is true, write ( F ) if the statement is false and correct it.
2. \_\_\_**F**\_\_\_ Oxygenated blood gets into the heart by the right atrium.
3. \_\_\_**T**\_\_\_ Left atrium contracts and pushes the blood to the left ventricle.
4. \_\_\_**T**\_\_\_ Valves open and close to let the blood flows in only one direction.
5. \_\_\_**T**\_\_\_ Deoxygenated blood gets into the heart by the right atrium
6. \_\_\_**F**\_\_\_ Oxygenated blood comes from the body and deoxygenated blood comes from the lungs.
7. Where do the left ventricle and the right ventricle pump blood?

**Left ventricle bumps blood to the body, right ventricle bumps blood to the lung.**

1. The left ventricle has thicker walls than the right ventricle. Explain why?

**Because blood in the ventricle has higher pressure that in right ventricle.**

1. How is the left side of the heart different from its right side?

**Left side contains oxygenated blood , right side contains deoxygenated blood.**